

Claim 10, line 2, insert --substantially-- before
"transparent".

a4
(11) (AMENDED) The method of claim 1 wherein said perfluorocarbon or substituted derivative thereof is in a physical state selected from the group consisting of [a] neat liquid, [an] emulsion, [a] gel, [a] solution and [a] suspension.

Claim 12, line 1, insert --perfluorocarbon-- after
"liquid".

Claim 14, line 1, insert --perfluorocarbon-- after
"liquid".

a5
(15) (AMENDED) The method of claim 14 wherein said [substituted derivative] perfluorocarbon is selected from the group consisting of a brominated perfluorocarbon and an iodinated perfluorocarbon.

Claim 16, line 1, insert --perfluorocarbon-- after
"liquid".

a6
(17) (AMENDED) A method of repairing [the retina of an eye] a retinal disorder of an eye of an animal comprising introducing into the vitreous of said eye a liquid comprising a liquid perfluorocarbon or substituted derivative thereof [in an amount sufficient], locating said animal in a position to provide means for said liquid to maintain [to hold] the retina against the choroid of said eye to repair said retina, [during said repair] and maintaining said animal in said position for a time to effect said repair.

(18) (AMENDED) The method of claim 17 wherein [the repair is provided to a] said retinal disorder is either a detached or torn retina [and the detached retina is held against the choroid during the repair].

(19) (AMENDED) The method of claim 17 wherein said liquid is removed from said vitreous after said repair.

could
a⁶
B ✓
(20) (AMENDED) A diagnostic method comprising introducing into an eye a radiopaque liquid perfluorocarbon or substituted derivative thereof in an amount effective to detect radiopacity and detecting the radiopacity of the resultant eye.

(21) (AMENDED) The method of claim 20 wherein said [substituted derivative] liquid perfluorocarbon is selected from the group consisting of a brominated perfluorocarbon and an iodinated ^{perfluorocarbon}.

Claim 22, line 1, insert --perfluorocarbon-- after "liquid".

Sub B
a⁷
(23) (AMENDED) A method of treating a disorder of an eye comprising introducing intraocularly a substantially transparent liquid perfluorocarbon or substituted derivative thereof in an amount effective to treat said disorder.

(24) (AMENDED) The method of claim 23 wherein said [transparent] liquid perfluorocarbon is a perfluorocyclocarbon.

Add the following new claims 26-30:

Sub B
BT
a⁸
(26) A method of treating a disorder in a structure of an eye comprising introducing a liquid comprising a liquid perfluorocarbon or substituted derivative thereof into said structure of said eye selected from the group consisting of anterior chamber, posterior chamber, cornea, lens and vitreous body in an amount effective to treat said disorder.

(27) A method of repairing a clouded cornea of an eye comprising introducing a substantially transparent liquid comprising a liquid perfluorocarbon or substituted derivative thereof into said cornea in an amount effective to provide a substantially transparent window therein.

(28) The method of claim 27 wherein said liquid perfluorocarbon is a perfluorocyclocarbon.